

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Ashok Singhal, Jeffrey A. Price, David J. Broniarczyk, George R. Cameron
Assignee: 3PARdata, Inc.
Title: Node Controller for a Data Storage System
Serial No.: 09/883,681 Filing Date: June 18, 2001
Examiner: Not Yet Assigned Group Art Unit: 2183
Docket No.: M-8496 US
(3PD-M-8496 US)

San Jose, California
February 27, 2003

VIA FACSIMILE (703) 746-7239 Total of 6 Pages

COMMISSIONER FOR PATENTS
Washington, D. C. 20231



Submission of Revocation of Power of Attorney and New Power of Attorney

Dear Sir:

Enclosed is a copy of the Revocation of Power of Attorney and Power of Attorney by Assignee of Entire Interest for the above referenced patent application. Please process the new power of attorney submitted herewith as soon as possible.

Please contact the undersigned at (408) 382-0480 if the Examiner has any questions regarding the enclosed documents.


Certification of Facsimile Transmission

I hereby certify that this paper is being facsimile transmitted to the U.S. Patent and Trademark Office on the date shown below.


Signature

February 27, 2003
Date

Respectfully submitted,


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**REVOCATION OF POWER OF ATTORNEY AND
POWER OF ATTORNEY BY ASSIGNEE OF ENTIRE INTEREST**

Sir:

3PARdata, Inc., the assignee of record of the entire interest for the below-referenced list of patents and patent applications, hereby revokes all powers of attorney previously given in these patents and patent applications and appoints the attorneys and agent identified below to prosecute the below-referenced patent and patent applications and to transact all business in the United States Patent and Trademark Office in connection therewith:

Customer Number



32566

PATENT TRADEMARK OFFICE

List of Patent Applications:

Application Number U.S. Filing Date

09/633,088	08/04/2000
09/751,649	12/29/2000
09/833,681	06/18/2001
09/773,111	01/31/2001
09/754,903	01/04/2001
09/755,254	01/04/2001
09/751,994	12/29/2000
09/755,285	01/04/2001

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09/990,106	11/21/2001
09/990,117	11/21/2001
09/990,118	11/21/2001
09/990,121	11/21/2001
10/142,398	05/08/2002
10/227,077	08/21/2002
10/142,402	05/08/2002
10/222,390	08/16/2002
10/226,762	08/22/2002
10/138,990	05/02/2002
10/226,823	08/21/2002
10/237,432	09/06/2002

Please address all correspondence and telephone calls regarding these patent and patent applications to:

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ASSIGNEE CERTIFICATION UNDER 37 CFR 3.73(b)

The undersigned representative of the above-referenced assignee certifies that the above-referenced assignee is the assignee of the entire right, title and interest in the above-referenced patent and patent applications by virtue of a chain of title from the inventors of the above-referenced patent and patent applications to the above-referenced assignee as shown below:

1. For Application No.: 09/633,088, From: Ashok Singhal, Jeffrey A. Price, David J. Broniatczyk, George R. Cameron To: 3PARdata, Inc. The document was recorded in the Patent and Trademark Office at Reel 011119, Frame 0187.

2. For Application No.: 09/751,649, From: Ashok Singhal, David J. Broniarczyk, George R. Cameron To: 3PARdata, Inc. The document was recorded in the Patent and Trademark Office at Reel 011428, Frame 0684.
3. For Application No.: 09/883,681, From: Ashok Singhal, Jeffrey A. Price, David J. Broniarczyk, George R. Cameron To: 3PARdata, Inc. The document was recorded in the Patent and Trademark Office at Reel 011918, Frame 0533.
4. For Application No.: 09/773,111, From: Christopher Cheng, Josh Price To: 3PARdata, Inc. The document was recorded in the Patent and Trademark Office at Reel 011538, Frame 0045.
5. For Application No.: 09/754,903, From: William J. Price To: 3PARdata, Inc. The document was recorded in the Patent and Trademark Office at Reel 011430, Frame 0575.
6. For Application No.: 09/755,254, From: William J. Price To: 3PARdata, Inc. The document was recorded in the Patent and Trademark Office at Reel 011451, Frame 0349.
7. For Application No.: 09/751,994, From: Ashok Singhal, David J. Broniarczyk, George R. Cameron To: 3PARdata, Inc. The document was recorded in the Patent and Trademark Office at Reel 011426, Frame 0855.
8. For Application No.: 09/755,285, From: William J. Price To: 3PARdata, Inc. The document was recorded in the Patent and Trademark Office at Reel 011451, Frame 0372.

9. For Application No.: 09/990,106, From: Eugene Yan Ki Hsue To: 3PARdata, Inc. The document was recorded in the Patent and Trademark Office at Reel 012323, Frame 0510.

10. For Application No.: 09/990,117, From: Eugene Yan Ki Hsue, Steve Sam Pulos To: 3PARdata, Inc. The document was recorded in the Patent and Trademark Office at Reel 012323, Frame 0507.

11. For Application No.: 09/990,118, From: Eugene Yan Ki Hsue To: 3PARdata, Inc. The document was recorded in the Patent and Trademark Office at Reel 012323, Frame 0530.

12. For Application No.: 09/990,121, From: Eugene Yan Ki Hsue, Bruce T. Arasato To: 3PARdata, Inc. The document was recorded in the Patent and Trademark Office at Reel 012323, Frame 0658.

13. For Application No.: 10/142,398, From: Christopher D. Hooper To: 3PARdata, Inc. The document was recorded in the Patent and Trademark Office at Reel 012892, Frame 0607.

14. For Application No.: 10/227,077, From: Christopher D. Hooper To: 3PARdata, Inc. The document was recorded in the Patent and Trademark Office at Reel 013239, Frame 0622.

15. For Application No.: 10/142,402, From: Christopher D. Hooper To: 3PARdata, Inc. The document was recorded in the Patent and Trademark Office at Reel 012892, Frame 0580.

16. For Application No.: 10/222,390, From: Tom Nguyen To: 3PARdata, Inc.
The document was recorded in the Patent and Trademark Office at Reel 013226, Frame 0195.

17. For Application No.: 10/226,762, From: Wing Y. Au To: 3PARdata, Inc.
The document was submitted to the Patent and Trademark Office for recordation on February 25, 2003. A copy of the document is attached.

18. For Application No.: 10/138,990, From: Hoa V. Luong, Sushil Thomas To: 3PARdata, Inc. The document was recorded in the Patent and Trademark Office at Reel 012891, Frame 0492.

19. For Application No.: 10/226,823, From: Tom Nguyen To: 3PARdata, Inc.
The document was recorded in the Patent and Trademark Office at Reel 013244, Frame 0817.

20. For Application No.: 10/237,432, From: Adam M. Phelps To: 3PARdata, Inc. The document was submitted to the Patent and Trademark Office for recordation on February 26, 2003. A copy of the document is attached.

The undersigned (whose title is provided below) is empowered to sign this certificate on behalf of the above-referenced assignee.

Date:

February 26 2003

3PARdata, Inc.

By:

Name: Alastair Short

Title: General Counsel